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The Kinetics of the Reaction Between Calcium and Hydrogen, by V. A. Shushunov, I. A. Shafrev, 5 pp.

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AEC Tr 3232

Sci - Physics
Jun 58

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A7g 65 287,008

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Ferroelectric Properties of Some Solid Solutions, by G. A. Smolenski, M. A. Karamyshev, K. S. Rozgachev

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 1, 1951, pp 53-56.

AEC Tr XXXIX 1156

Scientific - Chemistry

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Weber-Fechner's Law for Color-Sensitive Receptors of the Eye, by G. N. Rautian, 8 pp.

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CIA/FDD/[illegible]

USSR

Scientific - Physics

CFS/DDK

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The Submicroscopic Structure of Alni Alloy (60.85% [illegible] 25% Ni, 14% Al, 0.15% Cu), by N. N. Buinov, and R. [illegible] Lerinman.

Full translation.

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Sci - Chem

AEC Tr 1308

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CIA/FDD/K-1146

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Structure of Iron-Nickel-Aluminum Alloys for Permanent Magnets, by Su. Shukov

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Brutcher Order No 3052
Price $4.90

Scientific • Metallurgy

1384

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Full translation.

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AEC Tr 1376

Scientific - Physics, Moving liquid

Sep 52 CTS/MEX

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Hydraulic Properties of Hydrothermically Treated Clay and Lime Materials, by P. P. Budnikov,

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Insdoc T.829
Sci Tr Center

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Scientific - [illegible]
Minerals/metals

Nov 55
CTS/DEX

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Indian Nat Sci Documentation Ctr
Nat. Physical Lab of India
Hillside Rd.
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Sci -
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Vainshtein, E. E., Barinskii, R. L., and Narbutt, K. I.
ON THE VALUE OF THE SUDDEN INCREASE OF THE COEFFICIENT OF X-RAY ABSORPTION.
[1963] 7p (figs omitted) 6refs
Order from OTS, SLA, or ETC $1.10 TT-63-20524

Trans. of [Akademiya Nauk SSSR. Doklady] 1951, v. 79, no. 2, p. 225-228.

DESCRIPTORS: X-ray absorption analysis, Atoms, Energy, *Absorption, Electron transition, Germanium, Gases, Molecules.

(Physics--Spectroscopy, TT, v. 11, no. 3)

TT-63-20524

I. Vainshtein, E. E.
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TT-64-20141

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Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, p 237.-240

AEC Tr 1179

Sci - Physics

Also Sci Mech, B 14 52/357

Apr 52 CTS

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Details of the Spectrum of the Night Sky From 9,500 A to 12,000 A., by V. T. Lukashenya, V. I. Krasovskiy.

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Amer Met Soc T-1[illegible] RU

[illegible] NLL M. 2[illegible]

Sci

Jan 62

A. 2[illegible] 1951
(93[illegible])

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NLL M. 4524

Sci - Phys

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Leskovich [Ya]. A.
THE STUDY OF THE PLASTICITY OF POLY-MORPHOUS MODIFICATIONS OF AMMONIUM NITRATE. [1961] 7p. 3 refs.
Order from OTS or SLA $1.10 62-10474

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 79 [no. 2] p. 257-260.

DESCRIPTORS: *Ammonium radicals, *Nitrates, Plasticity, Phase studies, Transformations.

(Physics--Solid State, TT, v. 7, no. 9)

62-10474

1. Leskovich, Ya. A.

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RUSSIAN, par, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 277-279.

AEC Tr 1514

Scientific - Chemistry, hydrogen, benzoquinhydrone

Brookhaven Nat Lab 24 Mar 1953

843

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Effect of Surface-Active Substances (Color-Formers) on the Specific Viscosity of Gelatin Solutions and Photographic Emulsions, by B. V. Deryagin, S. M. Levi, V. S. Kol'tsov, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 283-286.

CIA/FDD/K-1092

Scientific - N Chemistry CSB/DLK 5587

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Brutcher Tr 3160

Scientific - Mineria/nMetals

Price $2.25 XXXXX Nov 53 CTS 7282

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Scientific - Chemistry
CTS 70/Jul 55

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OTS [illegible]

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Scientific - Biology, disease, cotton plants, tanning

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Vol LXXIX, No 2, 1951, pp 315-318.

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Sci - Min/Met

Mar 62'

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Sci - Chem

Mar 59

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Doklady Akademii Nauk SSSR Vol 79, No 3, (21 July 1951)
pages 405-6 (FDD copy S 988)

"The Relation Between the Average and Maximum Velocities During Turbulent Motion in Pipes" author: A. D. Al'tshul'

Proj 11348 ST-256

WAK SR 4/4-252

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(FDD 27159)

Problem of the Elimination of Reflections in Wave guides With Variable Cross Sections, by B. L. Rozhdestvenskiy, D. N. Chetayev, 7 pp.

RUSSIAN, thrice - mo per, Dok Ak Nauk SSSR Vol [redacted], No 3, Moscow, 1951 pp 427-430.

CIA/FDD U-8138

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Sci - Electronics [redacted] physics

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The Theory of Ferroelectricity, by G. A. Smolenskii, and R. E. Pasechnov, Jap.

Full translation.

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KT-742

ABC Tr 1267

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Scientific - Physics

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SLA Tr R-721

Sci - Chemistry
Sep 57

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Diffusion of Oxygen and Oxidation of Rubbers in the Presence of Phenyl Naphthylamine, by A. S. Kuz'minsky, L. L. Shanin, N. N. Lezhnev. UECI.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, pp 467-.

DSIR LLU M.1060

(loan)

111/131

Sci - Chem

Mar 60

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Mobility of Hydrogen in Aromatic Compounds, by A. I. Shatenshtein, E. A. Izraelevich, L. N. Vasil'eva, and M. Zaivush.

Full translation.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, pp 479-482.

AEC tr 1431

USSR

Scientific - Chemistry, hydrogen

Nov 52 CIS/DEL

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The Ability of the Cells of the Aerial Part of the Tobacco Plant to Synthesize Nicotine, by M. F. Mashkovtsev, A. A. Sirotenko, 6 pp.
RUSSIAN, per, Doklady Akademiya Nauk, Vol 79, No 3, 1951, pp 487-489.
K-H-2233 a

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Sci - Agriculture
Mar 67

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(FDD 15674)

Splitting of Porphyrin Rings Under the Effect of Ultrasonic Waves, by I. El'piner, L.A. Blyumenfel'd, S.E. Krasovitskaya, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, Moscow, Jul 1951, pp 495-497.

CIA/FDD/U-3957

USSR

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Sci - Physics

Jan 54

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

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Concerning the Peculiarities of the Growth of the Primary Meristem at Young Inflorescences of Wheat, by N. A. Ordina, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, pp 521-524.

SLA 60-1029

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Sci

May 52
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An empirical Equation for the Calculation of the Dissociation Energies of the CH- and CC- Bonds in Molecules of Saturated Hydrocarbons and in Free Aliphatic Radicals, by V. V. Voevodskii

Full Translation

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 4, 1951, pp 455-458.

AEC Tr 1131

Sci - Chem

Feb 52 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

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Diffraction of Sound Waves on an Uneven Surface. by
L. M. Brekhovskikh.

RUSSIAN, thrice-mo pbs. Dok Ak Nauk. Vol LXXIX,
No 4, 1951, pp 585-588.

D177875

Def Sci Info Sv
DRB T.164.R.

Physics
Scientific - [redacted] Feb 55 CTB/DEK

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Doklady Akademii Nauk SSSR, Vol 79, No 4 (1 Aug 51),
pages 589-590

"Concerning the Geometrical Meaning of the Conditions Governing the Existence of Transverse-Electrical and Transverse-Magnetic Fields in Curvilinear Coordinate Systems" author: M. L. Levin

11641 ST-256 SR 26 Mar 52

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Spectral Sensitometry of Multilayer Photographic Color Material, by Yu. N. Gorokhovskiy, O. M. Ponomarenko, 7 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXIX, No 4, 1951, pp 591-593.

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Scientific - ~~Medicine~~ Chemistry CTS/DEX

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Amides of Dialkylphosphonocarboxylic Acids and Their Derivatives, by Gil'm Kamay, E. I. Shugurova. 5pp.

RUSSIAN, thricemo per, Dok Ak Nauk SSSR, Vol LXXIX, No 4, 1951, pp605-608.

Sci Tr Ctr RT-3866

Sci - Chemistry
Aug 56 CTS/dex

37,538

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On Radioautographic Determination of Radio-Isotope Localization in Plants, by V. N. Klechkovskiy, T. P. Evdokimova, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, pp 629-632.

USDA

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Scientific - Biology Dec 1954 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

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Rubin, B. A., and Volobueva, P.
THE ACTIVITY OF THE POLYPHENOL OXIDASES OF THE TISSUES OF THE COTTON PLANT AS RELATED TO THE RESISTANCE OF THE PLANT TO THE FUNGUS VERTICILLIUM ALBO-ATRUM.
[1962] [6]p. 1 ref.
Order from OTS or SLA $1.10 63-13583

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1951, v. 79, no. 4, p. 637-638.

DESCRIPTORS: *Phenols, *Oxidases, Plants (Botany), Diseases, Tissues (Biology), *Cotton, *Fungus infections, Actinomyces, Resistance, Enzymes.

The increase in the content of polyphenols which is observed simultaneously with activation of the enzymes catalyzing their oxidation is an example of a defensive reaction which has been developed and intensified in

(Agriculture--Plant Cultivation, TT, v. 9, no. 12)(over)

63-13583

1. Title: Verticillium albo-atrum
I. Rubin, B. A.
II. Volobueva, P.
III. Translations, New York

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Pressure Distribution of Lifting Surfaces, by
E. A. Krasil'shchikova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXIX, No 5, 1951, pp 747-750.

Sci Tr Center RT-1097

Scientific - Physics

Jul 54 CTS

16,058

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Extension of A. N. Krylov's Method to Polynomial Matrices, by I. S. Arzhanykh, 4 p.
RUSSIAN, per, Doklady Akademii Nauk, SSSR, No 5, 1951, pp 749-752. 9698548

DDC [redacted]-447
[redacted]

Sci-
Jan 66

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The Applicability of Kirchhoff's Law to the Photosphere of Sun and of Stars of Class AO, by S. L. Belousov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 5, 1951, pp 763-766.

ATIC F-TS-9620/V

Sci - Astron
Per 59

82,847

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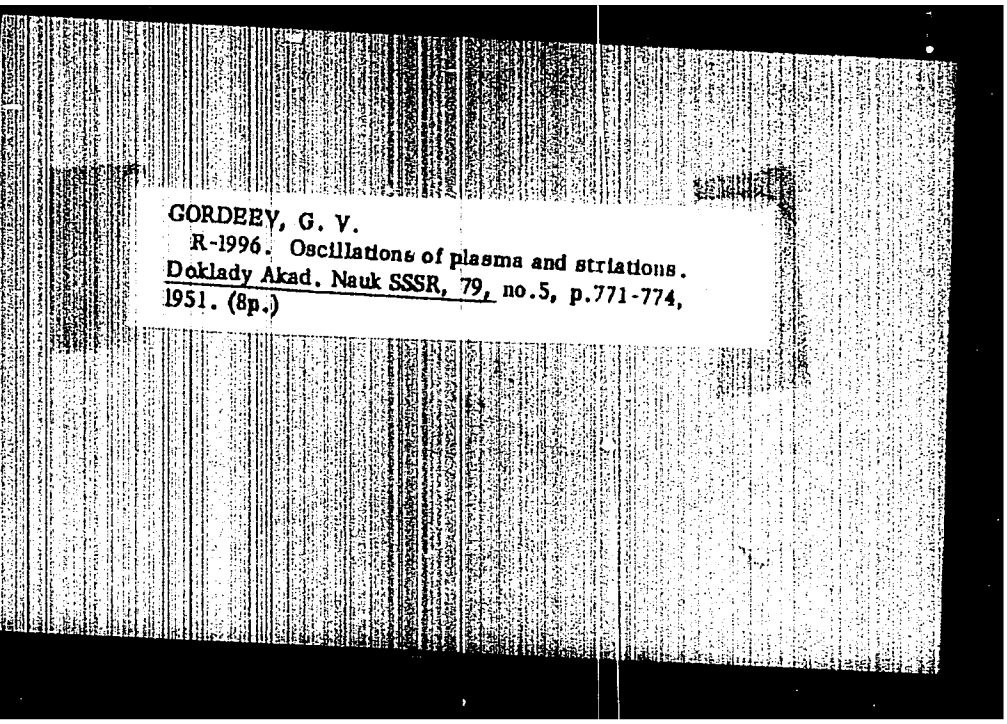

GORDEEV, G. V.
R-1996. Oscillations of plasma and striations.
Doklady Akad. Nauk SSSR, 79, no.5, p.771-774,
1951. (8p.)

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Oscillations in a Discharge as a Source of Moving Striations, by A. A. Zaitsev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, pp 779-81.

AEC Tr 2559

Sci - Physics

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

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Plasma Oscillations and Striations, by G. V. Gordeyev, 10 pp, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol [illegible], No 5, 1953, pp [illegible].

Sci Tr Center
RT-1668

Morris D Friedman

Scientific - Medicine Jan 55 CTS

20,550

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Release of Electrons and Reflection of Ions From the Surface of a Metal, by M. A. Eremeev.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 5, 1951, p 775-777.

AEC Tr 1170

Doc Nouv Serie no 303

Sci - Physics

Apr 52 CTS

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The Intermediate State of Superconductors, by E. M. Lifshits, Yu. V. Sharvin.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, p 783.-

SLA 60-1[illegible]
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Apr 52 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Contribution to the Question of the Synthesis of Antimony Organic Compounds by the Method of Binary Diazonium Salts, by O. A. Reutov, O. A. Ptitsyna, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 5, 1951, pp 819-821.

NIH
SLA-R-789

Scientific - Chemistry

9156

Jan 54 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Bromberg, A.V., Luk'yanovich, V.M., and others.
ELECTRON MICROSCOPIC EXAMINATION OF A FINE GRAIN STRUCTURE BY ITS DEVELOPMENT.
8 p. 2 refs. MTWL: 560.
Order from OTS or ETC $1.55 61-17132

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 79, no.5, p. 827-830.

DESCRIPTORS: *Electron microscopy, *Grains, Solids, Surfaces, Silver.

61-17132

I. Bromberg, A.V.
II. Luk'yanovich, V.M.
III. MTWL-560
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Investigation of the Spectra of a Large Chromospheric Flare on the Sun, by E. R. Mustel', A. B. Severniy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 6, 1951, pp 867-870.

*ATIC

Sci - Astron
Jul 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Assimilation of Products of Microbial Activity (Antibiotics) by Roots of Plants, by N. A. Krasil'nikov.

Full translation.

RUSSIAN, per, Dok Ak Nauk, Vol LXXIX, 11 Aug 1951, pp 870-882. 511 P444A

USDA Tr

Jul 53 CTS/DEX

USSR

Scientific - Biology

3413

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

[redacted] Spectrum, by Ye. V. Pyaskovskaya-Fesenkova, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 6, 1951, pp 957-960.

ATIC F-TS-9621/V

Sci - Astron
Mar 54

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Sensitometric Characteristics of Color Development of Multilayer Color Photographic Materials, by D. K. Kalabukhin, Yu. N. Gorokhovskiy, 6 pp.

RUSSIAN, tsvice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 6, 1951, pp 969-972.

CIA/FDD/X-1091

55586

Scientific - Chemistry CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

On the Intermediate Transformation of Austenite by
R. I. Entin

RUSSIAN, Dok Ak Nauk SSSR, Vol 79, 1951, No 6,
pp 973-976.

Brutcher Tech Tr No 2839

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

The Tautomerism and Isomerism of 2-Nitro-1, 3-Indandione, by G. Venag, Ya Eidus, G. Miller, 9 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, N 1951, p 977.

CIA/FDD/K-974

USSR

Scientific - Chemistry

CIS/DSK

3830

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Viscosity of Molten Metals, by G. M. Panchenkov, 7 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1951, Vol 79, No 6, pp 985-988.

Sci Mus Lib No 52/3268

Scientific - Chemistry

27 December 1952

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Concerning the Reactivity of Free Alkyl Radicals, by N. N. Tikhomirova, V. V. Voevodski

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, pp 993-996.

AEC Tr 1117

Scientific - Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Utilization of Antibiotics in Some Diseases of Plants, by N. A. Krasil'nikov, R. O. Mirzabekian, S. Askarova.

Full translation.

RUSSIAN, Dokl Ak Nauk SSSR, Vol LXI, Aug 1951, pp 1025-1027. 511 P444A

USDA Tr

USSR

Scientific - Biology Jul 53 CMS/DEX

3424

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Change in the Form of Protein Molecules in Urea Solutions, by A. G. Pasynskiy, R. S. Chernyak, 4 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXX, No 6, 1951, pp 1001-1004.

CIA/MDD/X-989

Scientific - Chemistry Aug 53 CRS/DEK

4573

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

The Problem of the Temperature of Plant Leaves Under Artificial Illumination, by A. F. Kleshnin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 6, 1951, pp 1029-1032.

SSS/ASLIB-GB10

Sci

68,380

Jul 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

The Solution of Nonstationary Boundary Problems in Electrodynamics, by N. V. Zernov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 1, 1951, pp 33-35.

CIA/FDD X-2425

Sci - Physics
May 1957 CTS/dex

47,517

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

An Investigation of the Maximum Heat Flux During the Boiling of Water in Vertical Tubes, by S. M. Lukomskiy, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXV, No 1, 1951, pp 53-56.

Sci Trans Center
RT-2691

Scientific - Chemistry
CTS 75/Dec 55

29,218

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

On the Effect of Angle of Slope on the Temperature State of the Wall of Steam Generating Tubes at High Pressures, by M. A. Styrikovich, L. L. Miropolskiy, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 1, 1951, pp 57-60.

Sci Tr Center
RT-3920 39166

Sci - Engineering
Sep 56 CTS/dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Razuvayev, G. A. and Vasileyskaya, N. S.
n REACTIONS OF CARBON TETRACHLORIDE WITH ALCOHOLS, tr. by L. J. Goodlet. July 60 [6]p. 6 refs. AWRE Trans. U. 143; [DSIR LLU] M. 2316. Order from LC or SLA mi$1.80, ph$1.80 61-15459

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 80. no. 1, p. 69-72.

(Chemistry--Physical, TT, v. 5, no. 12)

61-15459

1. Alcohols--Chemical reactions
2. Carbon tetrachloride--Chemical reactions
I. Razuvayev, G. A.
II. Vasileyskaya, N. S.
III. AWRE-U-143
IV. DSIR LLU M. 2316
V. Atomic Weapons Research Establishment (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Increasing the Yields of the Cotton Plant by Bud Removal and Inhibition of Shoot Growth During the Autumnal Period, by Iu. V. Rakitin, K. I. Ovcharov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIX, 1 Sep 1951, pp 117-119.

USDA Trans 285

557

USSR
Economic - Agriculture, growth stimulators
Scientific - Biology, growth stimulators, plants

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

On the Relationship Between Heat Stability of Protoplasm and Temperature Conditions of Life, by V. Ya. Alexandrov, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, 1952, pp 149-152.

CIA/FTD X-4574

Sci - Biology
Mar 61

1.41, 864

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

(FDD 13704)

Calculation of steady Two-Dimensional Motion of Two Streams of Underground Waters With a Free Surface and With Different Mineral Content, by N. K. Girinskiip,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 2, Moscow/Leningrad, [illegible] 11 Sep 1951, pp 181-184.

CIA/FDD/U-2708

USSR

Scientific - Geophysics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

(FDD 27155)

Radiation Resistance of a Dipole Close to a Highly Conductive Ellipsoid of Revolution, by R. G. Mirimanov, 7 pp.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol LXXX, No 2, Moscow, 1951, pp 189-192.

CIA/FDD/U-7941

33,374

USSR
Sci - Electronics Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

On the Nonlinear Theory of Electron Plasma Oscillations, by A. I. Akhiezer, G. Ya. Lyubarskii.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 2, USSR, 1951, pp 193-195.

AEC Tr 1466

RT-2031

Scientific - Electronics, plasma oscillations

Jan 53 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Akhiezer, A. I. and Lyubarskii, G. Ya.
THÉORIE NON LINÉAIRE DU PLASMA ÉLECTRO
NIQUE (K Nelineynoy Teorii Kolebaniy Elektronnoy Plazmy)
[On a Nonlinear Theory of Oscillations of Electron Plasma] tr. by [B.] de Trezvinski. 28 Nov 61 [10]p.
(Russian text included). CEA Trans. no. F 1443 (text in French).
Order from OTS or SLA $1.10 62-19010

Trans. in French of Akad'emiya Nauk SSSR. Doklady 1951, v. 80, no. 2, p. 193-195.
A trans. in English is available from SLA as RT-2031.

DESCRIPTORS: *Nonlinear systems, Equations, Plasma oscillations, Electrons, *Plasma physics.

(Physics--Theoretical, TT, v. 8, no. 3)

62-19010

I. Akhiezer, A. I.
II. Lyubarskii, G. Ya.
III. CEA-tr-1443
IV. Commissariat à l'Energie [illegible]

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Kondorskif, E.
THE THEORY OF COERCIVITY AND THE MAGNETICSUSCEPTIBILITY OF FERRO-MAGNETIC POWDERS (DEPENDENCE ON PACKING DENSITY). 6 p. 6 refs. MTWL: 561
Order from OTS or ETC $1.55 61-17113

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 80, no. 2, p. 197-200.

DESCRIPTORS: *Ferromagnetic Materials, Powder Metallurgy, Magnetic Susceptibility, Theory.

61-17113

I. Kordorskif, E.
II. MTWL-561
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

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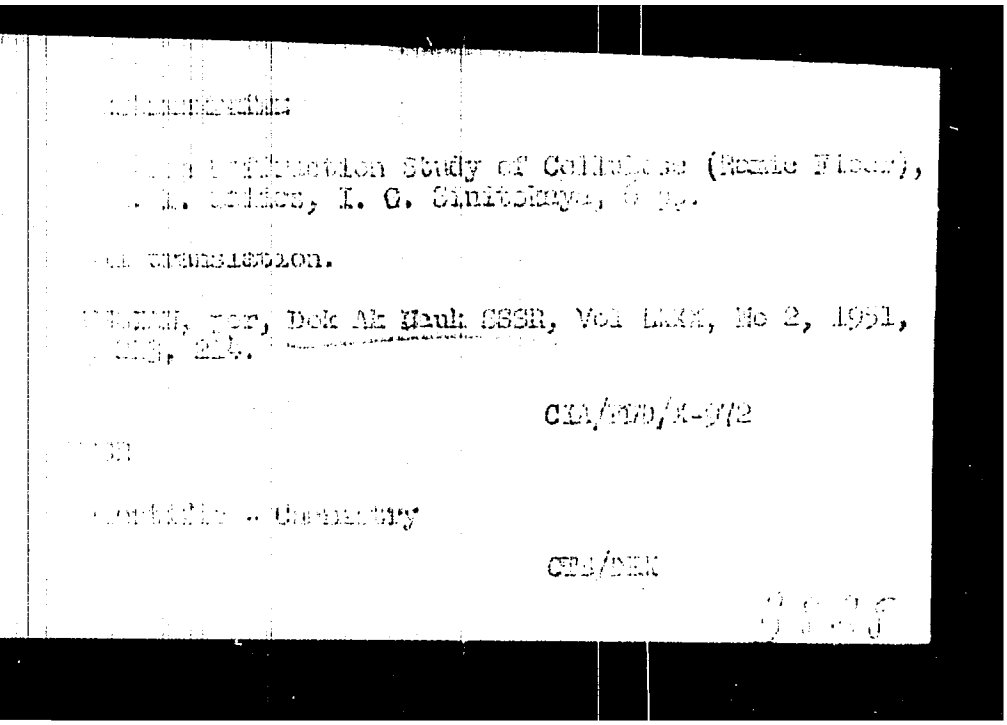

Abstract:

[illegible] Diffraction Study of Colloidal Gels (Kremnie Kislota), [illegible] L. Lebedev, I. G. Shnitnikova, 6 pp.

[illegible] transmission.

[illegible], Fiz, Dok Ak Nauk SSSR, Vol LXXX, No 2, 1951, [illegible], 221.

CIA/RDB/K-372

[illegible]

[illegible] - Chemistry

CIA/RDB

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

On the Theory of Coercive Force and Magnetic Susceptibility of Ferromagnetic Powders, (Relation to Density of Packing), by E. Kondorskiy.

RUSSIAN, thrice-mo par, Dok Ak Nauk SSSR, Vol LXXX, No 2, 1951, pp 197-200.

Sci Mus Lib Tr No 53/2282

USSR
Scientific - Physics

Feb 54 CTS

9615

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Function of the Internal Centers Formed in Photolysis of Emulsions in the Ripening Process, by I. M. Hutner, A. A. Titov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, VolLXXX, No 2, 1951, pp 217-220.

CIA/FDD/X-1080

Scientific - Chemistry CTS/DLX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Photosynthesis of Arctic Plants During 24-hour Illumination, by V. P. Dadykin, V. G. Grigor'eva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, 1951, pp 261-263.

SLA R-1251

May 58

64,609

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

(FDD 2/157)

Principle of Maximum Absorption for a Wave Guide, by A. G. Sveshnikov, 5 pp.

Russian, thrice mo per, Dok Ak Nauk SSSR, Vol LXXX, No 3, Moscow, 1951, pp 345-347.

CIA/FDD/U-7995

33,389

USSR
Sci - Electronics, Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

(FDD 27156)

One Method for Determining the Electromagnetic Field Inside a Closed Spherical Shell, Part of Which has a Different Dielectric Strength, by R. G. Mirimanov, 6 pp.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Novaya Ser, Vol LXXX, No 3, Moscow, 1951, pp 361-364.

CIA/FDD/U-7994

USSR
Sci - Electronics, Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Condensation of Dibenzoyl Glycols [illegible],
by I. P. Lebedskiy, I. P. Tsukervanik, [illegible].

RUSSIAN, Zhurnal-nyy [illegible], Vol XXII, 1952, pp 369-372.

CIA/ADM/AV-54
IAC INTERNAL USE ONLY

31,160

Scientific - Chemistry Feb 53 [illegible]

NOT RELEASABLE TO FOREIGN NATIONALS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

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Photochemical Properties of Complexes of Chlorophyll With Iron, by M. S. Ashkinazi, B. Y. Dain, 6 pp.

RUSSIAN, thrice-mo por, Dok Ak Nauk SSSR, Vol LXXX, 1951, pp 385-388.

SLA R-1253

May 58

64,592

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Influence of Pantothenic-Acid Deficiency on the Synthesis of Hippuric Acid in Homogenized Rat-Liver Tissue, by E. F. Efimochkina, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 3, Sep 1951, pp 405-408.

NIH
RT-1669

Scientific - Biology CTS/DEK

17,923

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Quantitative Chromatographic Determination of Volatile Fatty Acids, by V.L Kretovich, T.V. Drozdova, I.S. Petrova, 8p.
RUSSIAN, per, Doklady Akademiya Nauk SSSR, Vol 80, No 3, 1951, pp 409-412.
K-H 2318 e

V L Kretovich

321,664

Sci - Chemistry
Mar 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

[redacted]

The Problem of the Utilization of Herbicides by Introduction Into the Soil, by I. K. Taitovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, 21 Sep 951, pp 417-420. 511 P444A

USDA Trans 309

USSR
Economic - Agriculture, herbicides
Scientific - Biology, herbicides

477

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

On the Mineralogy of the Black Minerals. Anosovite, in High-Titanium Slags, by D. S. Belyankin, V. V. Lapin

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 3, 1951, pp 421-424.

Brutcher Tr No 3098

Jul 53 CTS/DEX

Scientific - Minerals/Metals Price $3.65

3512

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Influence of Nitrogen Nutrition and Illumination on the Chemical Constitution of Chloroplasts, by O. P. Osipova, I. V. Timofeeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, 1951, pp 449-451.

SLA Tr R-1252

Sci

Jun 58

65,838

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

On the Maximum Discrepancy Between Two Empirical Distributions, by B. V. Gnedenko, V. S. Korolyuk, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 525-528.

Sci Trans Center RF-434

Scientific - Mathematics
CTS/DEX

10, 891

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Photofission of Heavy Cosmic Ray Particles Occurring Under the Action of Solar Radiation, by G. T. Zatsepin, 5 pp. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 577, 578.

Sci Mus Lib 58/1547

Sci - Geophys
Mar 59

82,623

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5

Diffusion of Silver and Bromine Ions in Solid Silver Bromide, by A. Murin, Yu. Taush, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 579-581.

CIA/FDD/X-1084

Chemistry

Scientific - [redacted] CIS/DEX

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790021-5